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CLAIMS

What is claimed is:

- 1. A method for data transmissions from a server, comprising the steps of:
- a) configuring a maximum bandwidth for at least one data transmission;
 - b) determining the maximum bandwidth for the at least one data transmission;
 - c) determining a delay for the at least one data transmission based on the maximum bandwidth specified; and
 - d) transmitting the at least one data transmission after the delay has expired.
 - 2. The method of claim 1, wherein the server comprises a trivial file transfer protocol server.
 - 3. The method of claim 1, further comprising the step of:
 - e) enabling the user to specify a maximum number of sessions that may be operated substantially simultaneously.
 - 4. The method of claim 3, wherein the delay is based on at least the maximum number of sessions specified.
 - 5. The method of claim 1, wherein the delay comprises a time delay.
 - 6. The method of claim 1, wherein the delay is based on at least a number of data transmissions.
- 7. The method of claim 1, wherein the step of determining a delay determines the delay based on at least a data packet size, bandwidth, and number of sessions.
 - 8. The method of claim 7, wherein the step of determining a delay determines the delay from a formula of:

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$$D = 1000 * (1 / (B * 1000000)) * P * 8 * S$$

where D is the delay in milliseconds, B is a bandwidth in megabits per second, P is a data packet size in bytes, and S is a maximum number of sessions.

- 9. The method of claim 1, wherein the step of configuring configures the maximum bandwidth based on a desired bandwidth specified by a user.
- 10. The method of claim 1, wherein the step of configuring configures the maximum bandwidth based on a predetermined value.
- 11. A system for data transmissions from a server, comprising:

a maximum bandwidth configuring module that configures a maximum bandwidth for at least one data transmission;

a maximum bandwidth determining module that determines the maximum bandwidth for the at least one data transmission;

a delay determining module that determines a delay for the at least one data transmission based on the maximum bandwidth specified; and

- a transmitting module that transmits the at least one data transmission after the delay has expired.
- 12. The system of claim 11, wherein the server is a trivial file transfer protocol server.
- 13. The system of claim 11, further comprising a session specifying module that enables the user to specify a maximum number of sessions that may be operated substantially simultaneously.
- 14. The system of claim 13, wherein the delay is based on at least the maximum number of

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sessions specified.

- 15. The system of claim 11, wherein the delay comprises a time delay.
- 16. The system of claim 11, wherein the delay is based on at least a number of data transmissions.
- 5 17. The system of claim 11, wherein the delay determining module determines the delay based on at least a data packet size, bandwidth, and number of sessions.
 - 18. The system of claim 17, wherein the delay determining module determines the delay from a formula of:

$$D = 1000 * (1 / (B * 1000000)) * P * 8 * S$$

where D is the delay in milliseconds, B is a specified bandwidth in megabits per second, P is a data packet size in bytes, and S is a maximum number of sessions.

- 19. The system of claim 11, wherein the maximum bandwidth configuring module configures the maximum bandwidth based on a desired bandwidth specified by a user.
- 20. The system of claim 11, wherein the maximum bandwidth configuring module configures the maximum bandwidth based on a predetermined value.